

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037265.D
 Acq On : 25 Aug 2023 12:43
 Operator : JC/MD
 Sample : 04051-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230816

Quant Time: Aug 26 02:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

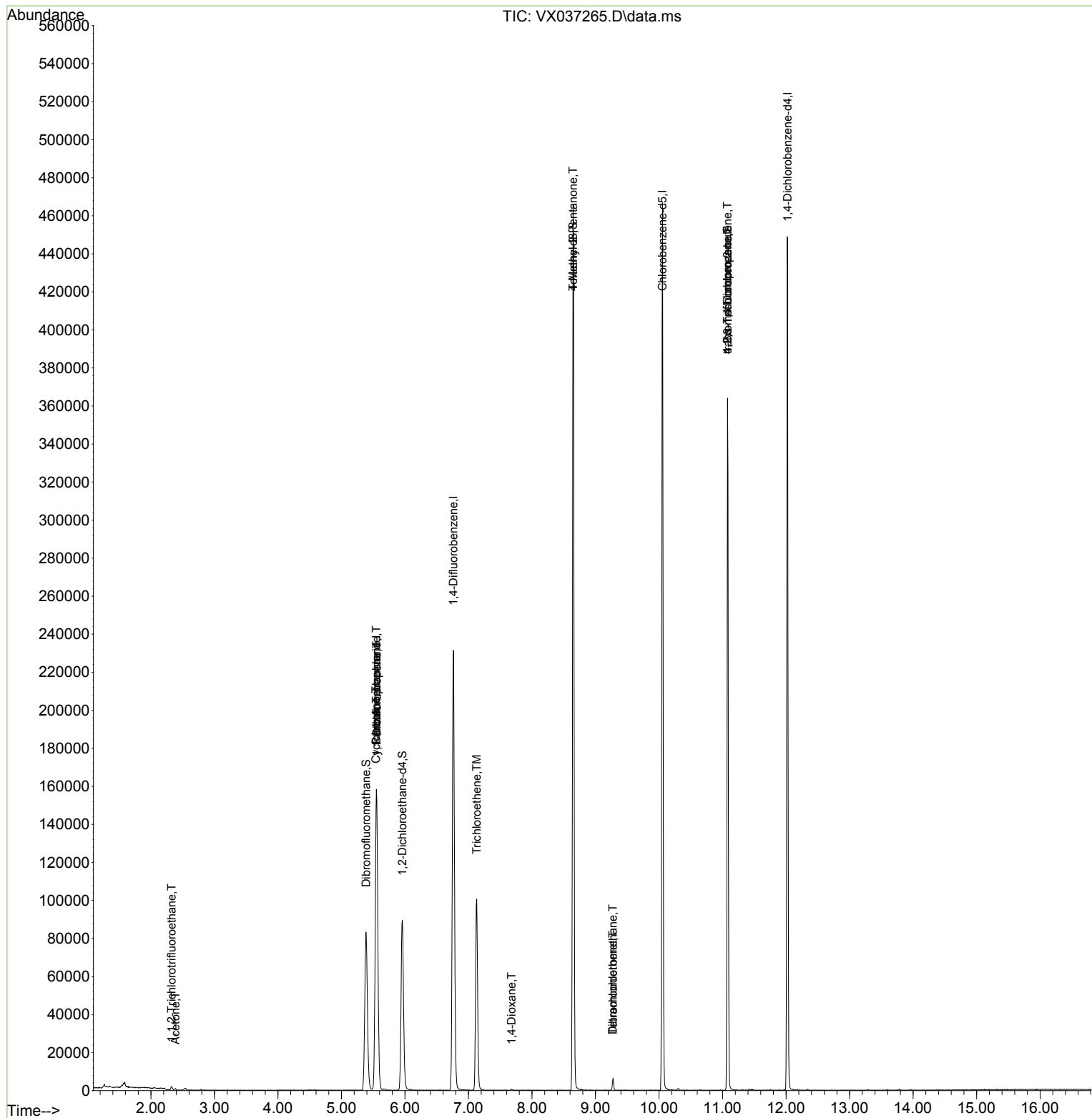
Internal Standards						
1) Pentafluorobenzene	5.550	168	147975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91723	42.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.385	113	73824	45.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	282673	48.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	103940	45.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	772	0.494	ug/l	95
16) Acetone	2.386	43	624	0.748	ug/l #	85
31) Cyclohexane	5.544	56	2996	1.249	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11462	5.024	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15879	6.407	ug/l #	14
44) Trichloroethene	7.129	130	40822	22.001	ug/l	92
49) 1,4-Dioxane	7.677	88	480	9.877	ug/l #	90
51) 4-Methyl-2-Pentanone	8.647	43	1041	0.463	ug/l #	1
60) Dibromochloromethane	9.275	129	1093	0.583	ug/l #	11
64) Tetrachloroethene	9.275	164	1119	0.722	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	51973	25.633	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51973	71.594	ug/l #	5

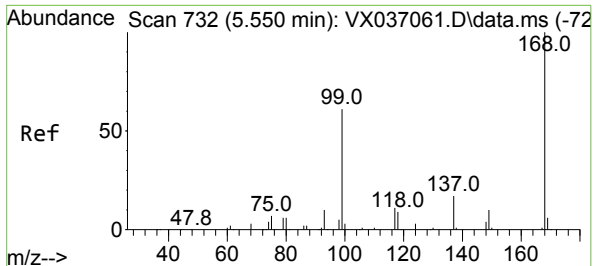
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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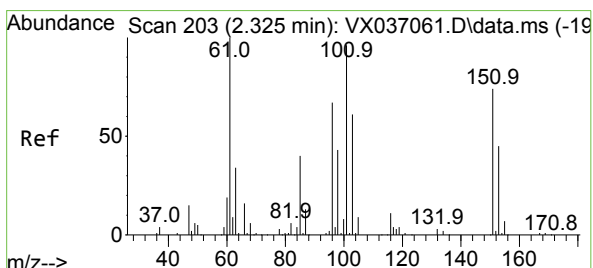
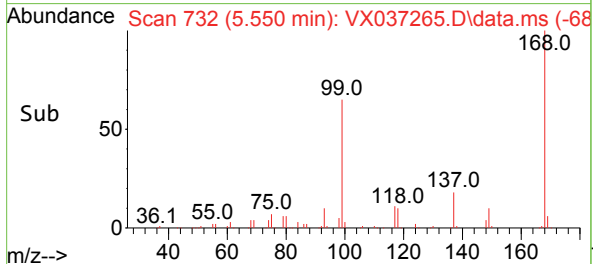
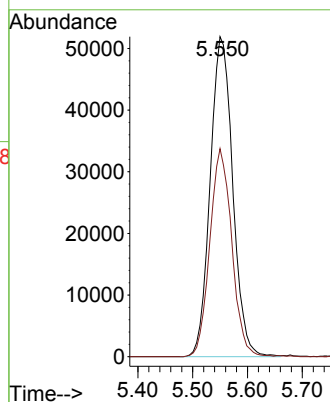
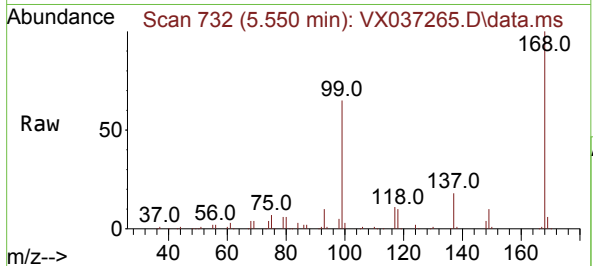




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

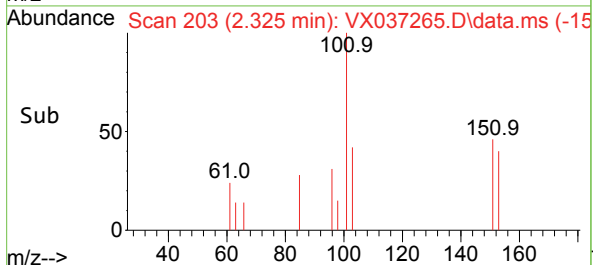
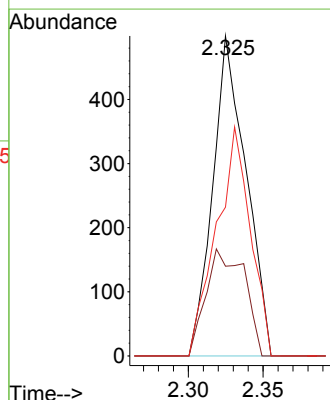
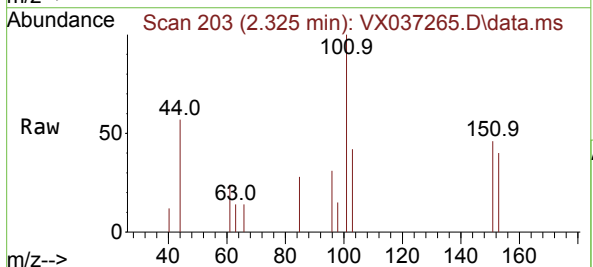
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

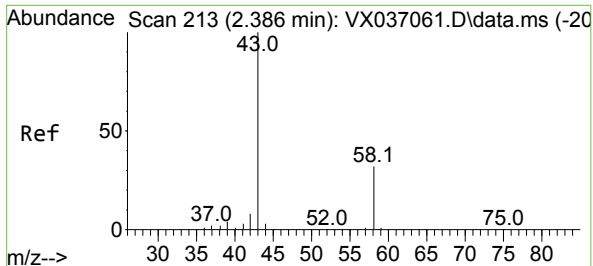
Tgt Ion:168 Resp: 147975
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.494 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion:101 Resp: 772
Ion Ratio Lower Upper
101 100
85 38.5 37.0 55.6
151 72.9 58.6 87.8

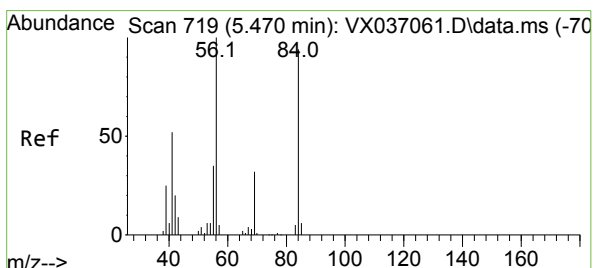
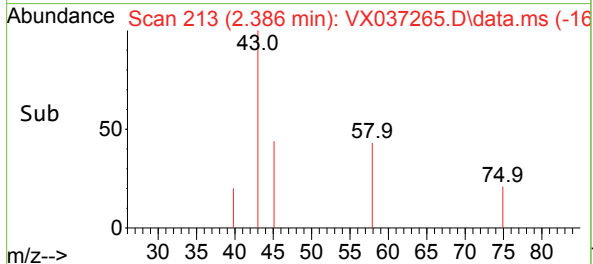
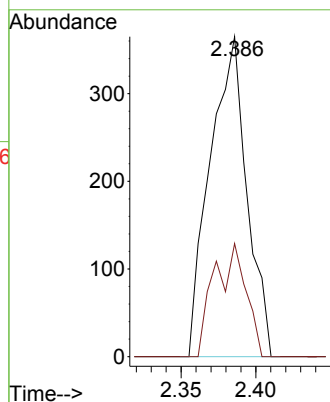
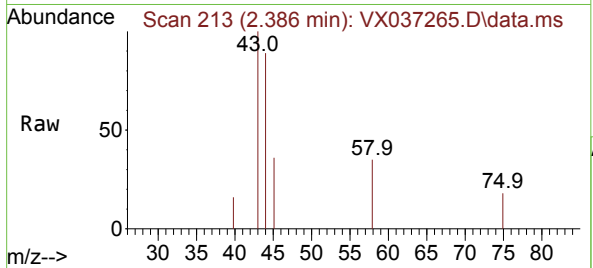




#16
Acetone
Concen: 0.748 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

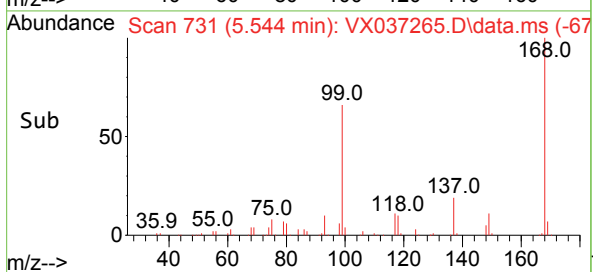
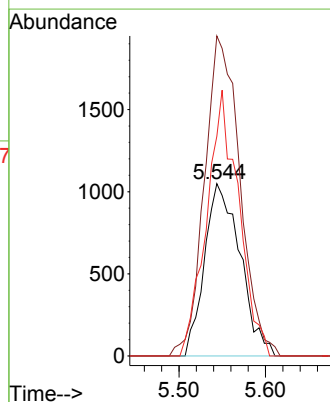
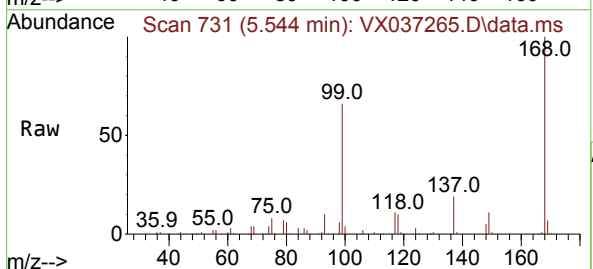
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

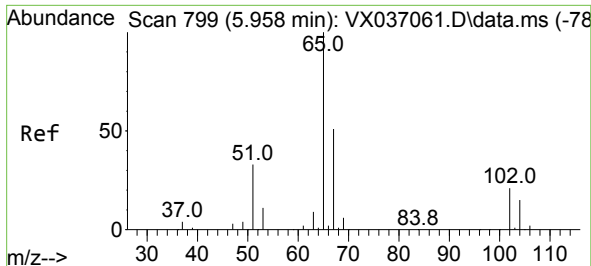
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 56 Resp: 2996
Ion Ratio Lower Upper
56 100
69 185.7 23.4 35.2#
84 127.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.995 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037265.D

Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

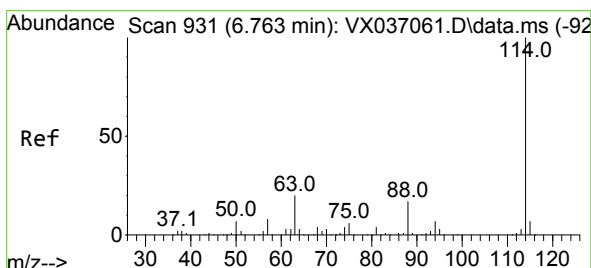
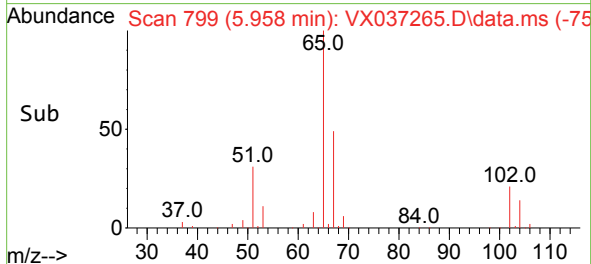
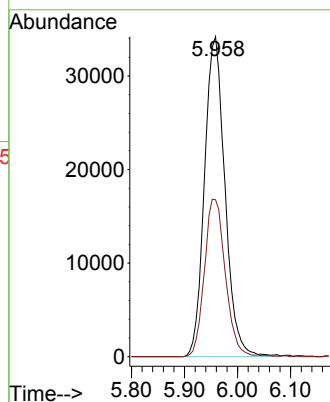
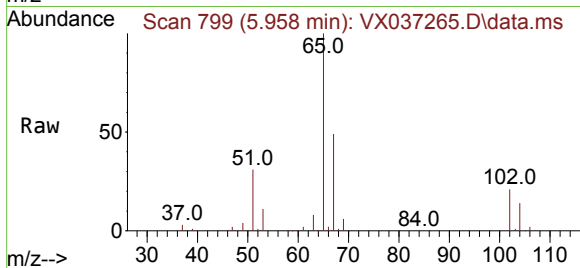
DUP04-20230816

Tgt Ion: 65 Resp: 91723

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037265.D

Acq: 25 Aug 2023 12:43

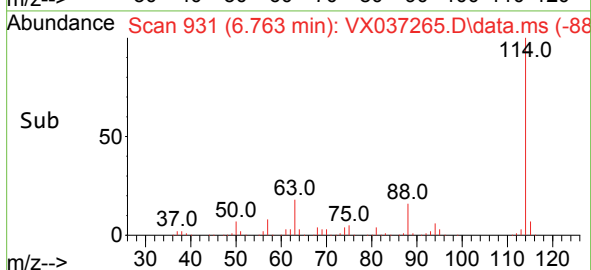
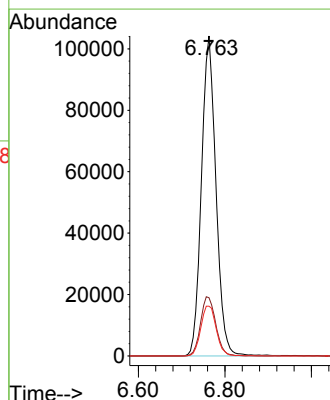
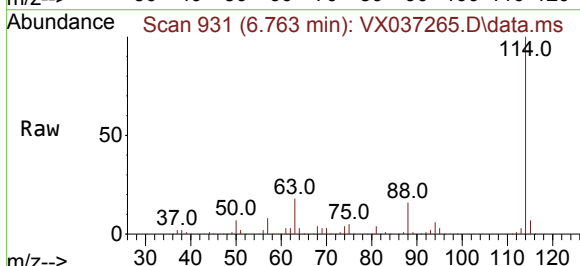
Tgt Ion: 114 Resp: 242489

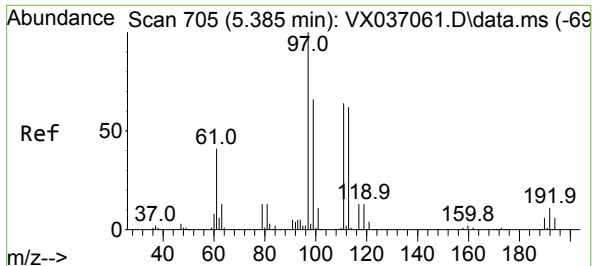
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 15.5 0.0 36.6

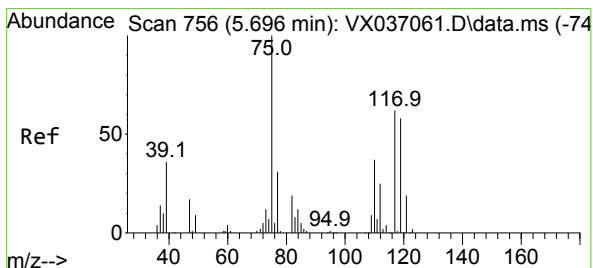
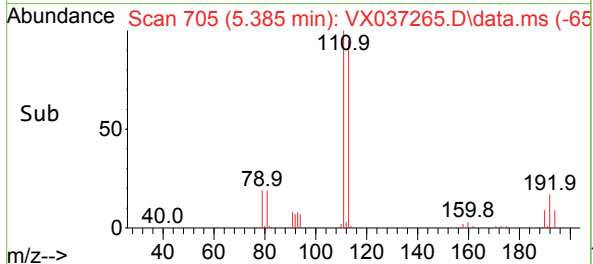
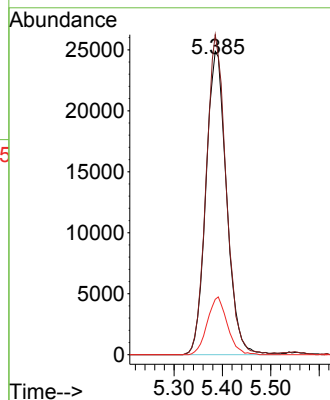
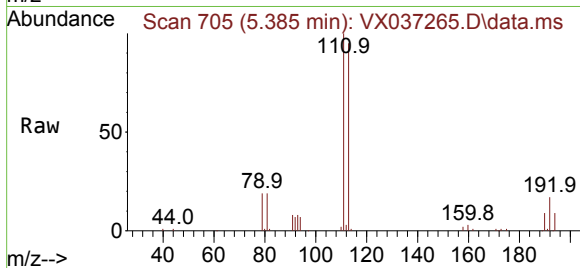




#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

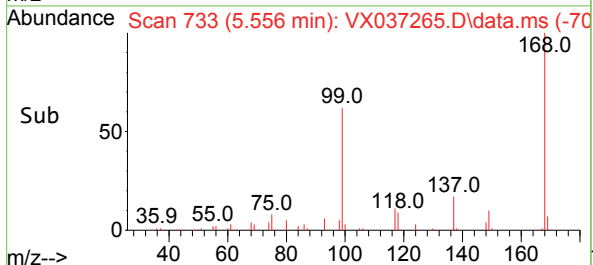
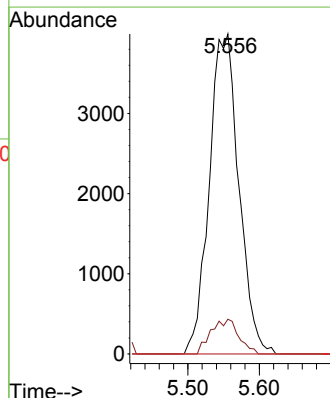
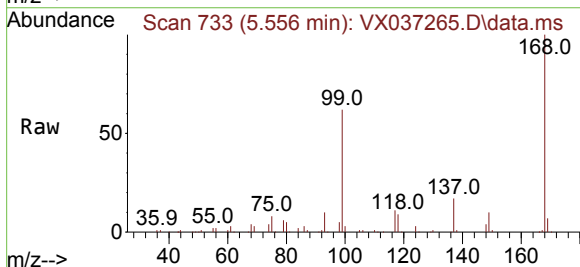
Instrument :
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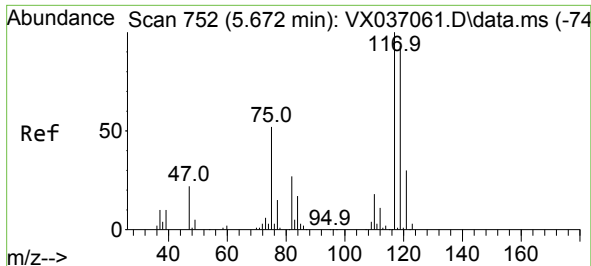
Tgt Ion:	113	Resp:	73824
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.5	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

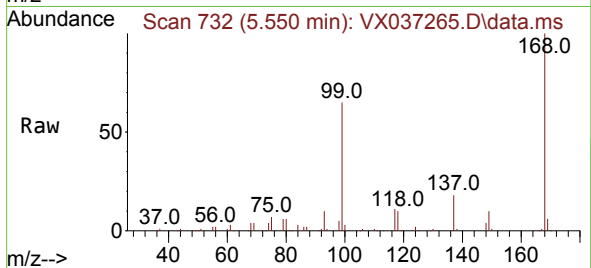
Tgt Ion:	75	Resp:	11462
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.0	50.9#
77	0.0	24.7	37.1#



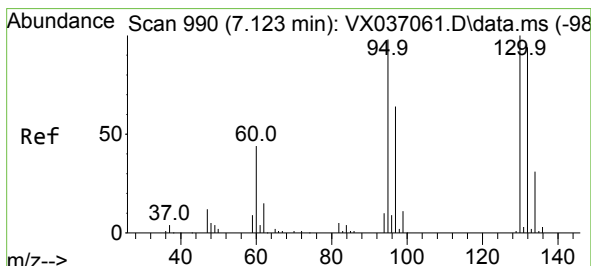
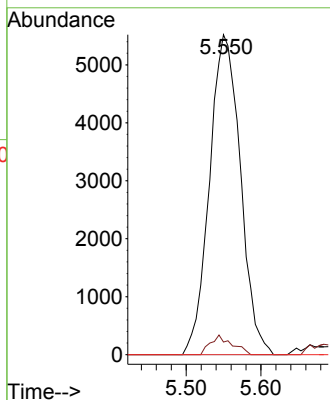
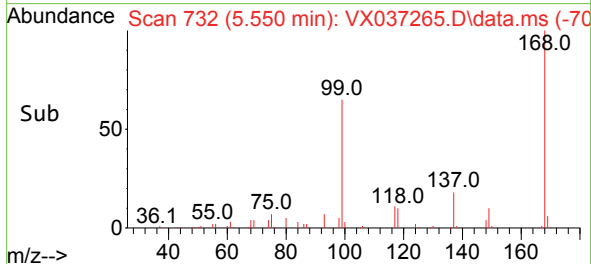


#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

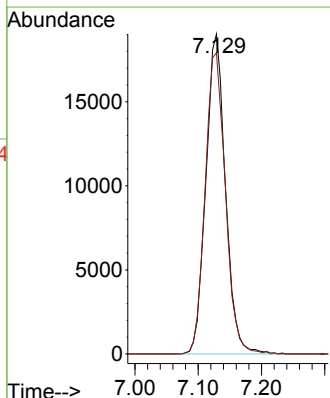
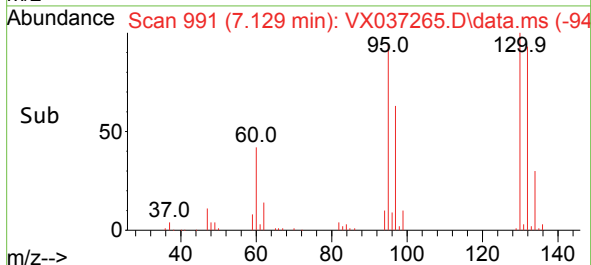
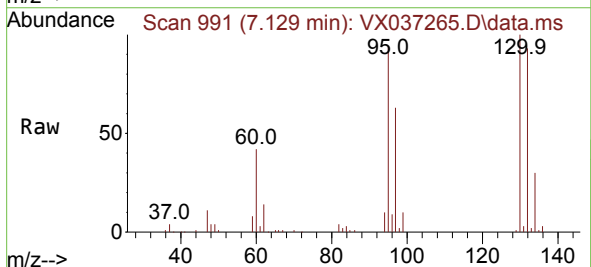


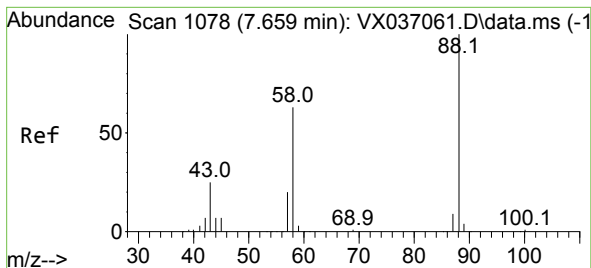
Tgt Ion:117 Resp: 15879
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 22.001 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion:130 Resp: 40822
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4





#49

1,4-Dioxane

Concen: 9.877 ug/l

RT: 7.677 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX037265.D

Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230816

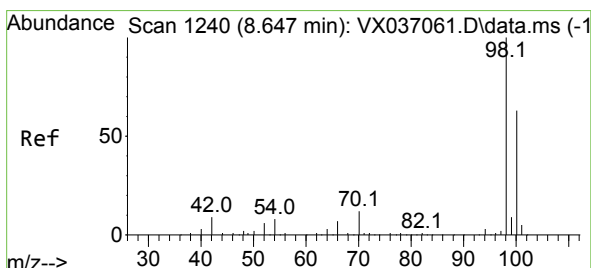
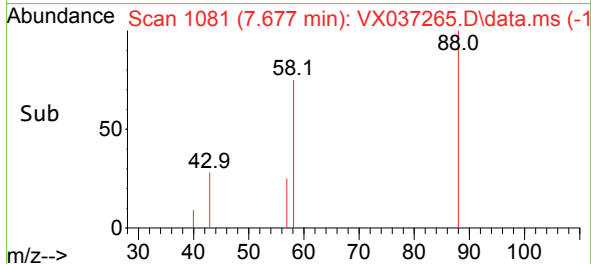
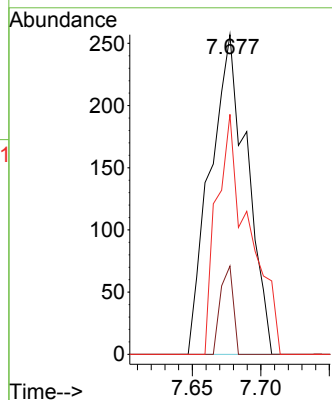
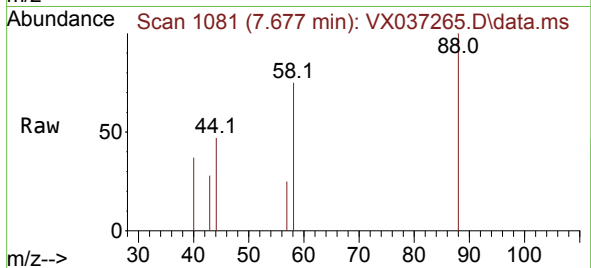
Tgt Ion: 88 Resp: 480

Ion Ratio Lower Upper

88 100

43 9.6 0.0 0.0#

58 66.3 60.1 90.1



#50

Toluene-d8

Concen: 48.524 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037265.D

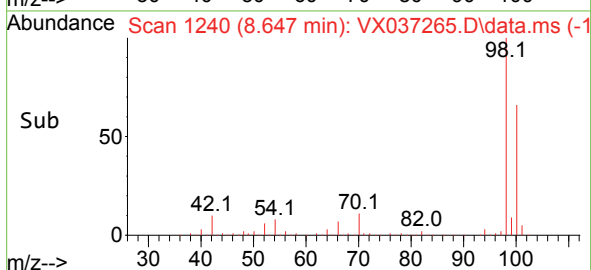
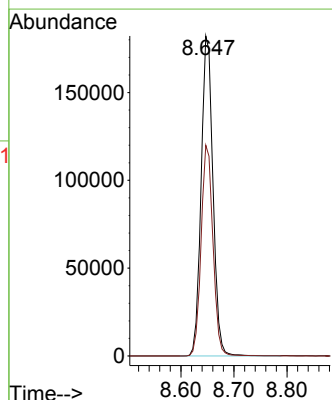
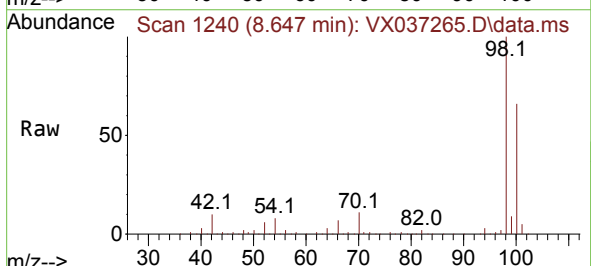
Acq: 25 Aug 2023 12:43

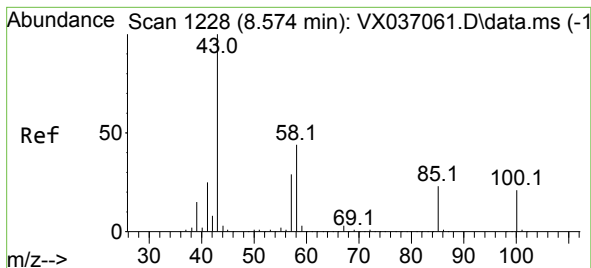
Tgt Ion: 98 Resp: 282673

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037265.D

Acq: 25 Aug 2023 12:43

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MSVOA_X

ClientSampleId :

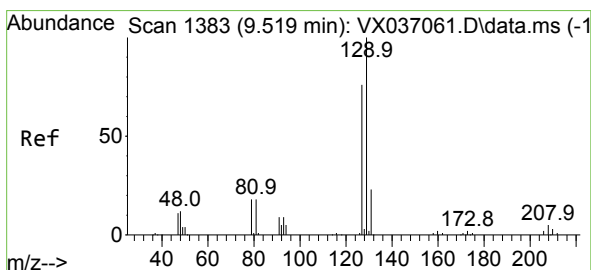
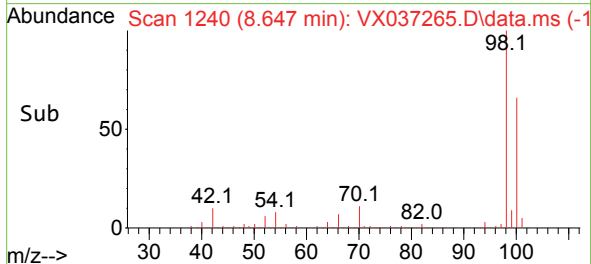
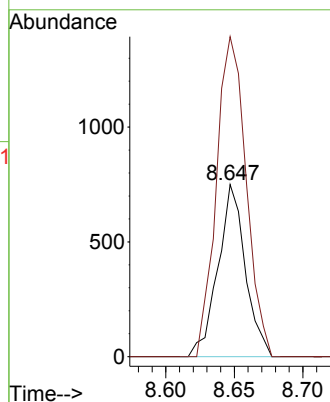
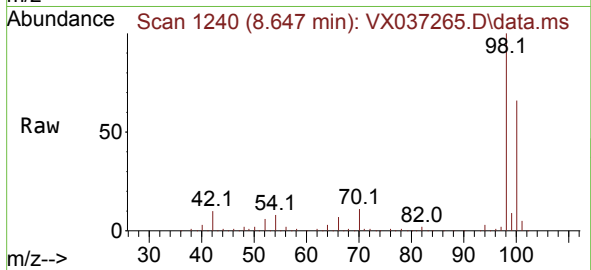
DUP04-20230816

Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

58 202.2 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.583 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037265.D

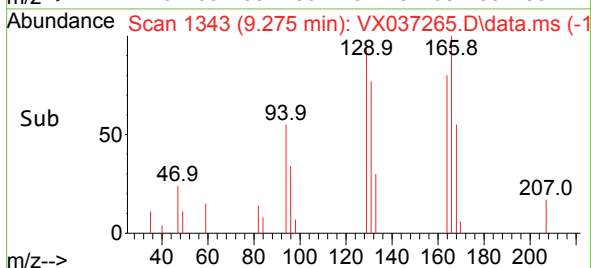
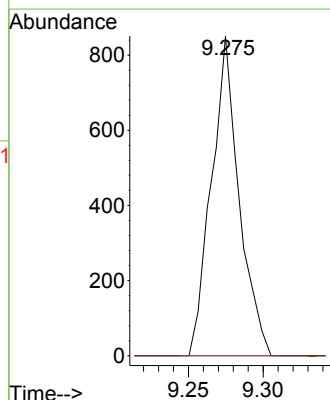
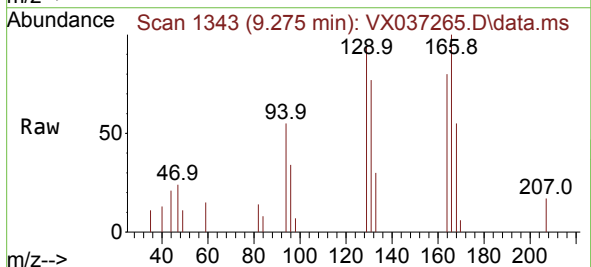
Acq: 25 Aug 2023 12:43

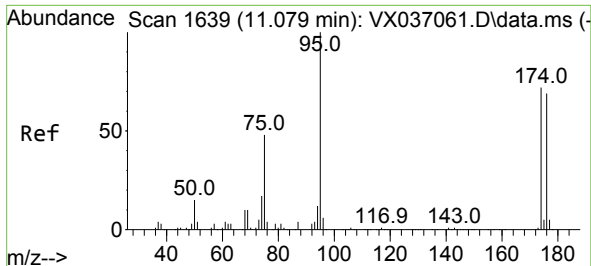
Tgt Ion: 129 Resp: 1093

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

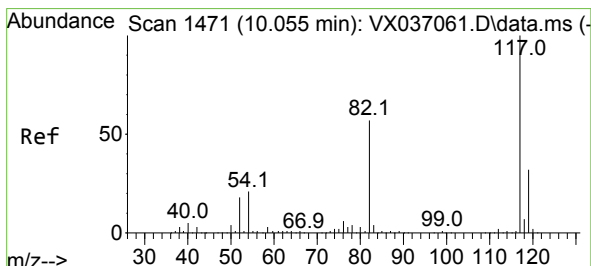
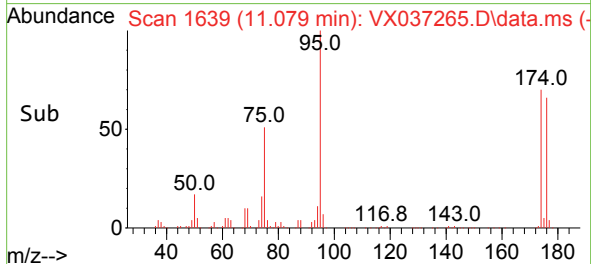
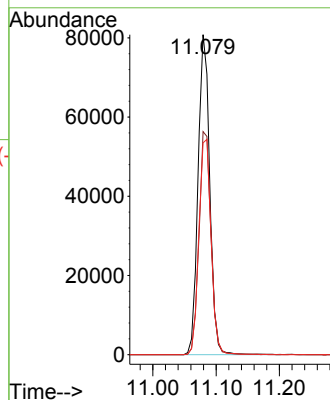
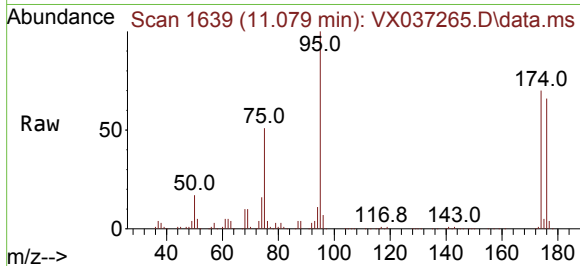




#62
4-Bromofluorobenzene
Concen: 45.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

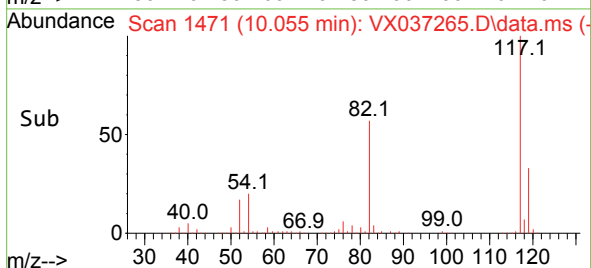
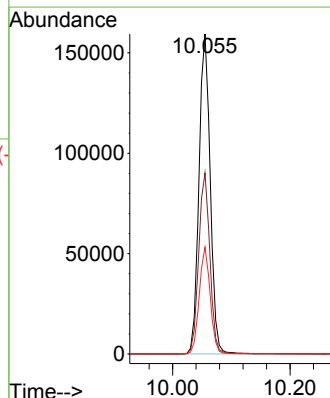
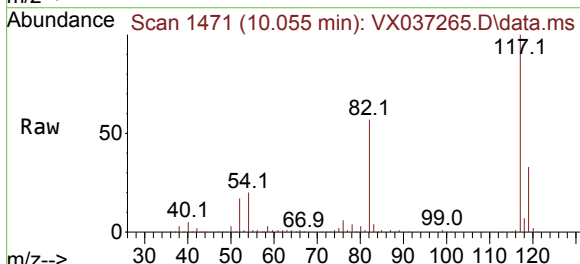
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

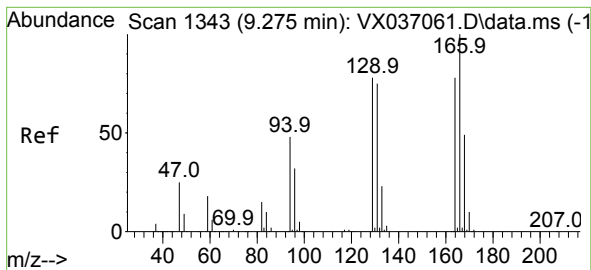
Tgt Ion: 95 Resp: 103940
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 117 Resp: 212358
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 33.4 25.5 38.3





#64

Tetrachloroethene

Concen: 0.722 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037265.D

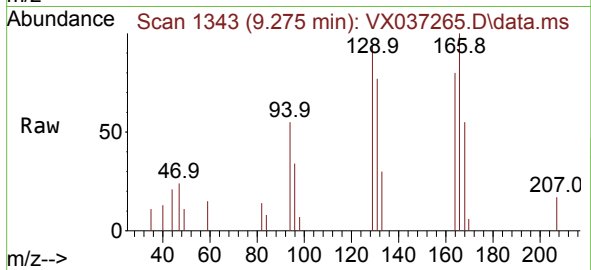
Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20230816



Tgt Ion:164 Resp: 1119

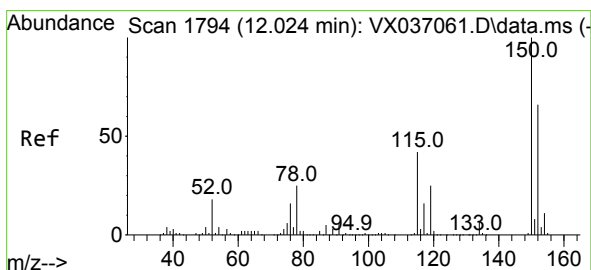
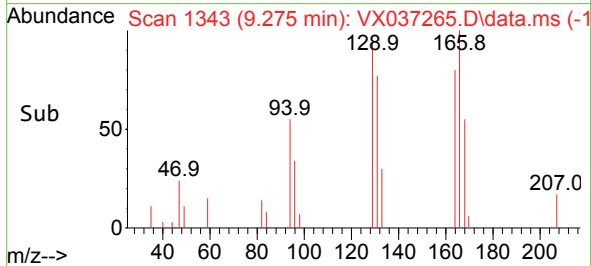
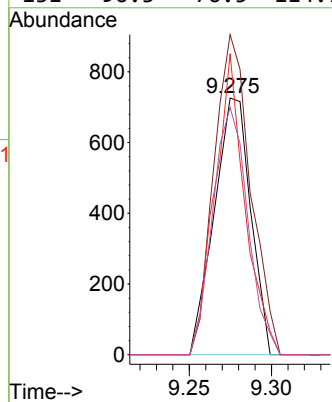
Ion Ratio Lower Upper

164 100

166 124.7 102.7 154.1

129 117.2 80.4 120.6

131 96.3 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037265.D

Acq: 25 Aug 2023 12:43

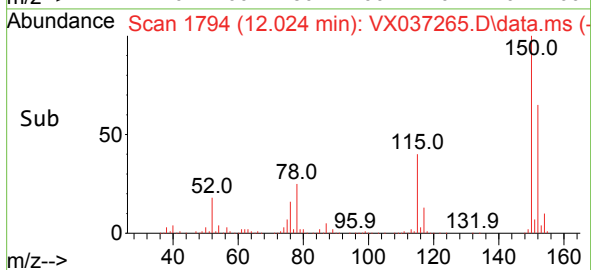
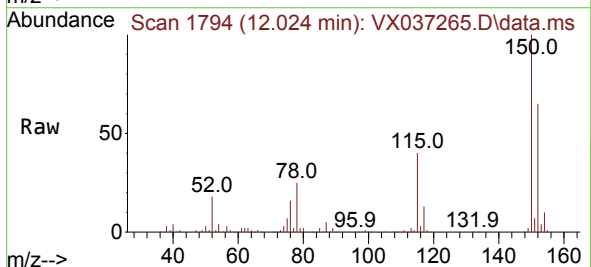
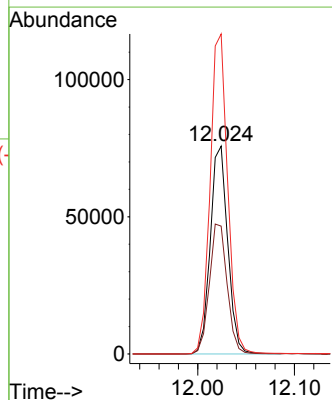
Tgt Ion:152 Resp: 95207

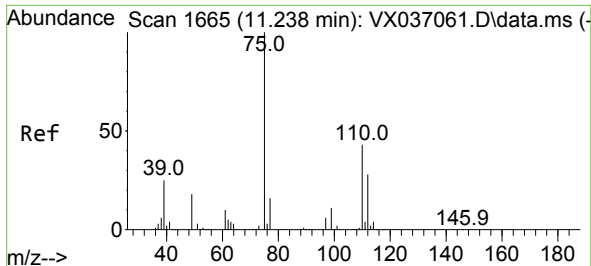
Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 155.0 0.0 345.0

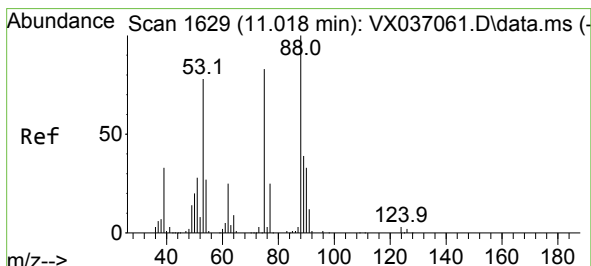
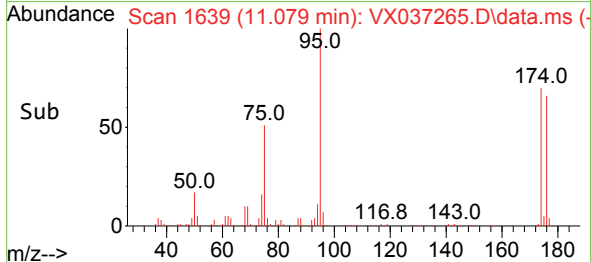
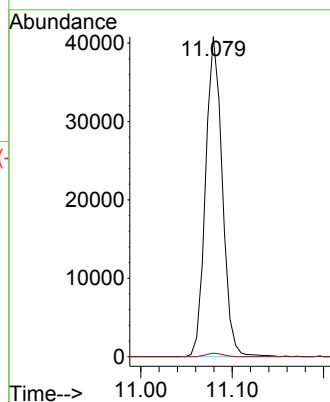
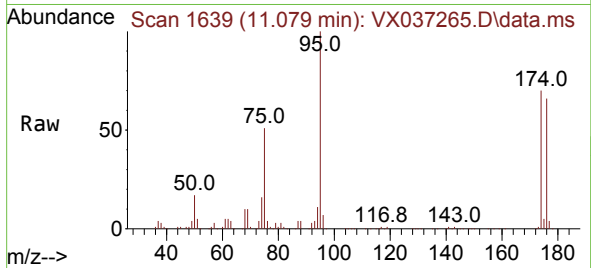




#76
1,2,3-Trichloropropane
Concen: 25.633 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

Tgt Ion: 75 Resp: 51973
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 75 Resp: 51973
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

